Installation of solar pumps in Rajasthan

1111. SHRI AIMADUDDIN AHMAD KHAN (DURRU): Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the steps taken by Government to popularise irrigation related solar pumps in the State of Rajasthan;

(b) the amount of Central subsidy being provided for such solar pump sets;

(c) the number of such solar pump sets installed in the state of Rajasthan during the last three years, year-wise district-wise; and

(d) the financial allocations for such pumps earmarked during the Tenth Plan period?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) The Ministry of Non-Conventional Energy Sources is implementing a scheme for the deployment of solar photovoltaic (PV) water pumping systems for irrigation and related uses in the country, including Rajasthan. Under the Scheme the Ministry provides financial assistance and a soft loan through the Indian Renewable Energy Development Agency (IREDA) for the deployment of solar pumps. In Rajasthan the Scheme is implemented by IREDA and the Rajasthan Renewable Energy Corporation Ltd. (RRECL).

(b) The details of financial support provided by the Ministry and the soft loan available through IREDA under this scheme are given in the enclosed statement. (*see* below).

(c) A total of 39 solar pumps have been installed in Rajasthan during the last three years, *i.e.* 2000-01 to 2002-03 as per the following details:

Year	Districts	No. of solar pumps installed
2000-01	Ajmer	2
	Pali	1
	Sawai Madhopur	3
	Total for 2000-01	6
2001-02	Ajmer	1
	Banswara	1
	Bundi	1
	Dholpur	2
	Jaipur	2
	Jalore	1
	Kota	2
	Sawai Madhopur	3
	Sikar	1
	Sirohi	4
	Total for 2001-02	18
2002-03	Jalore	3
	Sirohi	10
	Sri Ganganagar	2
	Total for 2002-03	15

(d) It is proposed to deploy a total of 8000 solar pumps during the 10th Plan period in the country for which financial allocation of Rs. 187 crores has been made.

Statement

Installation of Solar Pumps in Rajasthan

S.No.	Implementation Arrangement	Central Financial Assistance	Loan
1.	Direct marketing by manufacturers / suppliers/ intemediaries empanelled with IREDA	Rs. 110 per watt of photovoltaic (PV) array used, subject to a maximum of Rs. 2.50 lakhs per system.	Soft loan @ 2.5% and 5% interest rates is provided by IREDA to intermediaries and users respectively on 90% of the balance unsubsidised price to be repaid in 10 years with a moratorium of one year.
2.	Direct procurement by state agencies	Rs. 135 per watt of PV array used, subject to a maximum of Rs. 2.50 lakhs per system provided that the system is procured directly by the state agency.	Not eligible to avail loan from IREDA
3.	Direct procurement by 11 special category States and islands that are not Union Territories.	90% of approved ex-works cost subject to a maximum of Rs. 2.50 lakhs per system including drinking water supply projects.	
4.	Community drinking Water supply	Rs. 110 per watt of PV array used, subject to a maximum of Rs. 2.50 lakhs per system.	

Use of solar energy for cooking mid-day meal in schools

1112. SHRI RAMA MUNI REDDY SIRIGIREDDY:
SHRIMATI N. P. DURGA:

Will in the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether the Ministry is intending help to the States in installing solar concentrating cooking system for cooking Mid-day meal scheme in schools; and